

**KEMET Part Number: CK05BX220K**  
(C052K220K2X5CA)

LDD Mil X7R C11015, Ceramic, Military/High Reliability, 22 pF, 10%, 200 VDC, BX, N/A, Lead Spacing = 5.08mm



| General Information      |  |
|--------------------------|--|
| Supplier:                | KEMET  |
| Series:                  | LDD Mil X7R C11015   |
| Style:                   | Radial   |
| RoHS:                    | No   |
| Termination:             | Lead (SnPb)  |
| Failure Rate:            | N/A  |
| Testing and Reliability: | MIL-PRF-11015  |
| Qualifications:          | MIL-PRF-11015  |
| Notes:                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk |

| Dimensions |                         |
|------------|-------------------------|
| L          | 4.83mm +/-0.25mm        |
| H          | 4.83mm +/-0.25mm        |
| T          | 2.29mm +/-0.25mm        |
| S          | 5.08mm +/-0.38mm        |
| LL         | 31.75mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |
| G          | 1.143mm MAX             |
| K          | 4.826mm +/-0.254mm      |

| Specifications                   |           |
|----------------------------------|-----------|
| Capacitance:                     | 22 pF     |
| Capacitance Tolerance:           | 10%       |
| Voltage DC:                      | 200 VDC   |
| Dielectric Withstanding Voltage: | 500 V     |
| Temperature Range:               | -55/+125C |
| Temperature Coefficient:         | BX        |
| Dissipation Factor:              | 2.5%      |
| Insulation Resistance:           | 100 GOhms |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 100       |